



PTO/SB/08a (07-05)

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Substitute for form 1449A/PTO

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

## **Complete if Known**

Application Number	10/570,125
Filing Date	October 23, 2006
First Named Inventor	Albert J. Banes
Art Unit	1635
Examiner Name	TC Gibbs
Attorney Docket Number	4647-060533

Sheet 1 of 2

## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US- 4,940,853	07-10-1990	Vandenburg	
		US- 5,698,425	12-16-1997	Ligon et al.	
		US- 5,712,135	01-27-1998	D'Halluin et al.	
		US- 5,789,214	08-04-1998	Ryals et al.	
		US- 5,804,693	09-08-1998	Gaffney et al.	
		US- 5,912,234	06-15-1999	Ruostlahti et al.	
		US- 5,593,874	01-14-1997	Brown et al.	
		US- 6,472,202 B1	10-29-2002	Banes	
		US- 6,586,235 B1	07-01-2003	Banes	
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## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)			
		WO 02/46365 A2	06-13-2002	Flex-Cell International Corp.	
		WO 97/32016 A1	09-04-1997	The Ohio State Research Fdn.	

Examiner Signature	/Terra Cotta Gibbs/	Date Considered	02/11/2009
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /TCG/

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Substitute for form 1449B/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				Application Number	10/570,125
				Filing Date	October 23, 2006
				First Named Inventor	Albert J. Banes
				Art Unit	1635
				Examiner Name	Not Yet Assigned TC Gibbs
Sheet	2	Of	2	Attorney Docket Number	4647-060533

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Myron Spector, Connective Tissue Cells with Muscle: Expression of Muscle Actin in and Contraction of Fibroblasts, Chondrocytes, and Osteoblasts, HARVARD ORTHOPAEDIC JOURNAL: ARTICLES, 2000 pages 1-7	
		Guldner et al, Fibronectin Polymerization Enhances the Tensile Mechanical Properties of Cell-Imbedded Collagen Gels, SUMMER BIOENGINEERING CONFERENCE, June 25-29, 2003, pages 0093-94	
		Stamenovic et al., Cellular Responses to Mechanical Stress Invited Review: Engineering Approaches to Cytoskeletal Mechanics, JOURNAL OF APPLIED PHYSIOLOGY, Vol 89, Issue 5, November 2000, pages 2085-2090	
		Awad et al., <i>In Vitro</i> Characterization of Mesenchymal Stem Cell-Seeded Collagen Scaffolds for Tendon Repair: Effects of Initial Seeding Density on Contraction Kinetics, J. BIOMED., 2000, Vol. 51, pages 233-240	
		Holvoet et al., The Inhibition of MAPK Pathway is Correlated with Down-Regulation of MMP-9 Secretion Induced by TNF- $\alpha$ in Human Keratinocytes, EXPERIMENTAL CELL RESEARCH, 2003, Vol. 290, pages 108-119	
		Rotsch et al., Drug-Induced Changes of Cytoskeletal Structure and Mechanics in Fibroblasts: An Atomic Force Microscopy Study, BIOPHYSICAL JOURNAL, Vol. 78, January 2000, pages 520-535	
		Garvin et al., Novel System for Engineering Bioartificial Tendons and Application of Mechanical Load, TISSUE ENGINEERING, Vol. 9, Number 5, 2003, pages 967-979	

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